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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/029,649      | 12/20/2001  | James C. McKinnell   | 10011490-1          | 5091             |

7590 09/30/2005  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

MAI, ANH D

ART UNIT PAPER NUMBER

2814

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

|                          |                               |                                     |  |
|--------------------------|-------------------------------|-------------------------------------|--|
| <b>Interview Summary</b> | Application No.<br>10/029,649 | Applicant(s)<br>MCKINNELL, JAMES C. |  |
|                          | Examiner<br>Anh D. Mai        | Art Unit<br>2814                    |  |

All participants (applicant, applicant's representative, PTO personnel):

(1) Anh D. Mai. (3) \_\_\_\_\_

(2) Mr. William J. Breen III, Reg. No. 45,313. (4) \_\_\_\_\_

Date of Interview: 26 September 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: 1.

Identification of prior art discussed: \_\_\_\_\_

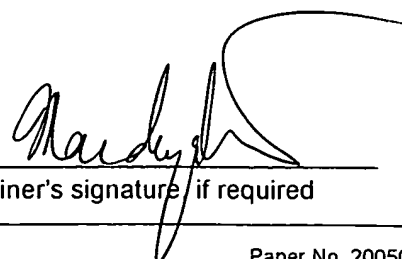
Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
\_\_\_\_\_  
Examiner's signature if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant asserts that the term "the semiconductor layer is composed such that the alloy is sufficient to remove a native oxide from an interface surface between the bond structure and the first substrate" is not a product-by-process limitation but rather be a functional language. An analogy is given for example: glue on a sheet of paper sufficient to catch a fly. However, the analogy does not seem to be correct, since the glue of the sheet of paper still exist on the paper, while the oxide film does not exist at the interface.